

PATENT

Attorney Docket No.: 10003493-1
Serial No.: 09/995,765

IN THE CLAIMS:

1. (Currently Amended) A method of manufacturing an electronic-charge-transferring device comprising:

providing a charged species source emitting charged species;

providing a charged species drain receiving the charged species;

positioning a movable component, having a size of a micrometer scale or smaller and being operable to transfer the charged species to the charged species drain, in close proximity to the charged species source, wherein the movable component is a nonconductive plate;

positioning a first protrusion having a size of a micrometer scale or smaller proximate to a first surface of the moveable component;

positioning the charged species source proximate a second surface of the moveable component, such that the movable component is between the first protrusion and the charged species source;

positioning a second protrusion having a size of a micrometer scale or smaller proximate to the first surface the moveable component; and

positioning the charged species drain proximate the second surface of the moveable component, such that the movable component is between the second protrusion and the charged species drain.

2. (Previously Presented) The method of claim 1, wherein the providing a charged species source and a charge species drain step comprises providing a charged species source having a size of a micrometer scale or smaller.

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3. (Previously Presented) The method of claim 1, wherein the providing a charged species source and a charge species drain step comprises providing a charged species drain having a size of a micrometer scale or smaller.
4. (Previously Presented) The method of claim 1, wherein the providing a charged species source and a charged species drain step comprises providing the charged species source and the charged species drain in contact with the moveable component.
5. (Previously Presented) The method of claim 1, further comprising including a first material in the first protrusion and a second material, different from the first material, in the second protrusion.
6. (Previously Presented) The method of claim 5, further comprising including a third material, different from the first material and the second material, in the moveable component.
7. (Original) The method of claim 1, further comprising positioning the first protrusion and the second protrusion in contact with the moveable component.
8. (Original) The method of claim 1, further comprising electrically connecting a device to the charged species drain.

Claims 9-20 (Cancelled).

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21. (Previously Presented) The method of claim 1, wherein at least one of the moveable component, the first protrusion and the second protrusion is of a nanometer scale.

22. (Previously Presented) The method of claim 1, wherein at least one of the charged species source and the charged species drain is of a nanometer scale.

23. (Cancelled)

24. (Currently Amended) The method of claim ~~44~~ 1, wherein the movable component is operable to be one of rotated and translated.

Claims 25-32 (Cancelled).